

PDR RID Report

Originator Smith, Steven A. **Phone No** 286-7336
Organization 540
E Mail Address Steven.A.Smith@gsfc.nasa.gov
Document FOS Design Specification and FOS Database Design and Database Schema Specifications
Section 9.2.1, section H. Security **Page** 9-8

RID ID	PDR	84
Review	FOS	
Originator Ref	JKS1/MDK3	
Priority	2	

Figure Table NA

Category Name Interfaces, Design

Actionee HAIS

Sub Category

Subject Security and filtering

Description of Problem or Suggestion:

It is assumed in this section that Ecom will be providing MAC layer (hardware address filtering) up to transport layer (TCP socket filtering) filtering. At this time, Ecom does not plan on doing anything beyond network address filtering. Filtering at the TCP socket level will make it difficult to satisfy throughput requirements.

Originator's Recommendation

Devices attached both to the Operational LAN will have to comply with the Nascom Access Protection Policy and Guidelines and C2.

GSFC Response by:

GSFC Response Date

HAIS Response by: D. Herring

HAIS Schedule 1/20/95

HAIS R. E. M. Armstrong

HAIS Response Date 1/30/95

Section H refers to generic measures for network access control. The requirement derived in that section (requirement DR12) refers only to the ECS routers at the EOC. It does not include the Ecom routers. (This is the case for all requirements contained in section 9.2.1: they apply only to ECS) Thus, the ECS-controlled routers will have the ability to provide filtering up to and including the Transport Layer (e.g., TCP). The design will also need to conform to the NASCOM Access Protection Policy and Guidelines. FOS security will be detailed in DID-214/SE1, "ECS Security Plan," scheduled to be completed in June 1995.

Status Closed

Date Closed 2/3/95

Sponsor Johns

***** Attachment if any *****